

Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A display device (1) comprising a number of picture elements (4) and a display driver device comprising driving transistors (21) to be connected in series with the picture elements the display driver device comprising means (8) for monitoring output voltages of the display driver device, the display driver device comprising means for detecting an open output of the display driver device to the picture elements.
2. (original) A display device as claimed in Claim 1 comprising means (24) for signaling the value of an output voltage to reach a threshold voltage.
3. (original) A display device as claimed in Claim 2 having fusing means (40) between the driving transistors (21) and the picture elements.
4. (original) A display device (1) as claimed in Claim 1 comprising a feedback mechanism (22, 23, 24) to control a reference voltage of the display driver device.
5. (original) A display device as claimed in Claim 2, the feedback mechanism further comprising a control circuit signaling the difference between an output voltage of the display driver device for a picture element and the reference voltage being below a threshold voltage.

6. (currently amended) A display device as claimed in Claim 5 the display driver device comprising means for detecting after the signaling an open output of the display driver device to the picture elements performing the detecting after the signaling.

7. (original) A display device as claimed in Claim 5 the display driver device comprising a differential amplifier (30, 31, 32).

8. (original) A display device as claimed in Claim 4 the picture elements being driven by current sources and the feedback mechanism keeping the difference between an output voltage of the display driver device for a picture element and the reference voltage substantially constant.

9. (original) A display device as claimed in Claim 1 the picture element being a luminescent element (4) and the first current determining the luminescence of the luminescent element.

10. (currently amended) A display driver device comprising driving transistors (21) to be connected in series with picture elements the display driver device comprising means (8) for monitoring output voltages of the display driver device, the display driver device comprising a differential amplifier (30, 31, 32) for detecting after the signaling an open output of the display driver device for a picture element.

11. (original) A display driver device as claimed in Claim 10 comprising means for signaling the value of an output voltage to reach a threshold voltage.

12. (original) A display driver device as claimed in Claim 11 having fusing means (40) between the driving transistors (21) and an output connection (28) of the display driver device.

13. (original) A display driver as claimed in Claim 10 further comprising a feedback (22, 23, 24) mechanism to control a reference voltage of the display driver device.

14. (original) A display driver as claimed in Claim 13, the feedback mechanism further comprising a control circuit signaling the difference between an output voltage of the display driver device for a picture element and the reference voltage being below a threshold voltage.

15. (currently amended) A display driver as claimed in Claim 14 ~~10~~ the display driver device comprising a differential amplifier (30, 31, 32) for the detecting after the signaling an open output of the display driver device for a picture element occurring after the signaling .

16. (original) A display driver as claimed in Claim 15 further comprising a switch in the current path between the reference voltage and the output of the display driver device.